sub-display device 3b display images, such as text, still images, and moving pictures, according to control signals from the video circuit 2. The video decoder/encoder 4 is a circuit having an encoder that encodes images taken with a camera 5 into compressed data in accordance with an encoding format such as MPEG4 (Moving Picture Experts Group 4), and having a decoder that decodes encoded data received through an antenna 11 and the transmitter-receiver circuit 10 and restores it into original images. A commercially available MPEG decoder-encoder IC, for example, may be used as the video decoder/encoder 4. The I/O controller 6 is an input-output processing controller that transmits input signals from various devices to the MPU 1, and transmits output signals from the MPU 1 to the various devices. The opening-closing sensor 7 is a sensor that detects the position of the moveable sub-display device 3b. For example, a switch may be provided in a position where the switch is pushed by the sub-display device 3b or its casing when the sub-display device 3b is moved into closed position. A plurality of operation buttons 8 is assigned to various functions and characters, and is used as input devices. The memory 9 stores various types of programs and data. The type of memory used (volatile memory, nonvolatile memory, etc.) is what is appropriate in accordance with the type of data.

[0047] The transmitter-receiver circuit 10 is a circuit that performs voice and data communication through the antenna 11. Various types of circuit are known for the transmitterreceiver circuit 10, and the already widely used PDC (Personal Digital Cellular), GSM (Global System for Mobile Communications), and CDMA (Code Division Multiple Access) formats, or next generation communication formats, which are expected to become widely used in the future, such as WCDMA (Wide-band Code Division Multiple Access), and Cdma2000, may be used as transmitter-receiver circuit communication formats. The voice decoder/ encoder 12 is a circuit that has an encoder, which encodes voice signals obtained with a microphone 14, and a decoder that decodes into voice signals encoded data received by the transmitter-receiver circuit 10. As a voice coding scheme, the CELP (Code Excited Linear Prediction) encoding scheme is widely known. The voice signals decoded in the voice decoder/encoder 12 are reproduced through a speaker 13.

[0048] In addition, the speaker 13 is not limited to reproducing voice signals but can also reproduce music and sound effects from electrical signals formed in a synthesizer circuit, which is not shown in the figure.

[0049] FIGS. 2 and 3 are front views of the mobile communications device, and the symbols used refer to the same or equivalent components as those in FIG. 1. Here, FIG. 2 illustrates the situation where the sub-display device 3b is hidden at the back side of the main display device 3a. The sub-display device 3b, as shown in FIG. 3, has a structure in which it slides relative to a main casing 20, and the user can use the main display device 3a in addition to 3b at the same time. Moreover, buttons 8a-8c are input devices that function as the operation buttons 8. The selector 8a has a direction-key function that generates a direction-indicating signal by the rim portion being pushed, and a decision-button function that, by the central part of the button being pushed down, confirms a designated option and indicates a next operation. For example, when the user specifies an

option on a menu, by the user instructing the movement of a cursor or a highlighted display on the screen and pushing the button, the MPU 1 performs a process associated with that option. Software keys 8b, associated with an option displayed on the main display device 3a or 3b, are an input device used when execution of the displayed function has been specified. Numerical buttons 8c are an input device used to input numbers or text characters.

[0050] FIGS. 4 and 5 are front views of the mobile communications device shown in FIGS. 2 and 3, and the symbols used in these figures refer to the same or equivalent components as those in FIG. 1. Here, FIG. 4 illustrates a situation where the sub-display device 3b is hidden and not-in-use, as in FIG. 2. And on the other hand, FIG. 5 corresponds to FIG. 3, and illustrates the situation where the main display device 3a has been slid out relative to the main casing 20. As may be understood from FIG. 5, the main casing 20 and the sub-casing 21, which supports the subdisplay device 3b, are configured such that a sliding face is on a curved surface. Therefore, when the sub-casing 21 is pulled out, since the sub-casing 21, and the camera 5 and the sub-display device 3b, are thrust out frontward with the angle changing, the camera 5 and the sub-display device 3bare set at an angle that facilitates user usage.

[0051] (1) E-Mail Receiving and Browsing Operations

[0052] Next, e-mail browsing operations using the above-described mobile communications device will be explained.

[0053] Here, a situation where a plurality of e-mails is received by the transmitter-receiver circuit 10 and is stored in the memory 9 is assumed. When the user selects a received e-mail list browsing function from the menu displayed on the main display device 3a, as shown in FIG. 6(a), a list of the plurality of received e-mail subject names, senders, transmitting times, etc. is displayed. Next, the user specifies a desired received e-mail using the button 8a. Further, in this situation, only the received e-mail is specified, and following action based on the designation does not occur.

[0054] In conventional mobile communications devices, in order to display details of received e-mail from this situation, it is necessary to push a decision button. In the mobile communications device of this invention, on the other hand, as shown in FIG. 6(b), by pulling out the sub-casing 21, the MPU 1 activiates the sub-display device 3b automatically, and displays the details of the specified received e-mail on the sub-display device 3b. Since in this situation it becomes unnecessary to carry out both the operation in which the user pulls out the sub-casing 21 and the operation of pushing the decision button that displays the details of the received e-mail, an improvement in userfriendliness is obtained. Moreover, where sub-display device 3b is not used, by pushing down the center of the button 8a, the user can choose browser display of the received e-mail, and the MPU1 displays the details of the specified received email on the main display 3a, instead of displaying a received e-mail list.

[0055] FIG. 7 is a flow chart of the e-mail browsing operations explained using FIG. 6. Here, e-mail browsing is shown as a representative example, but it can be applied to cases where other functions are realized. When the e-mail browsing function is selected by the user, the MPU 1 reads